

Amendments to the Specification:

Please insert the following paragraph [0022.5] after paragraph [0022] in the "Brief Description of the Drawings" section on page 4 of the present application:

[0022.5] FIG. 6A shows a diagrammatic view of a cable jacket including a core element which includes a separator according to the present invention.

Please amend paragraph [0059] on page 12 as shown below:

As noted above the wire of the present invention is designed to have a minimized DK. In addition to the use of channeled insulation and conductor, a wire with a minimized DK can be achieved through the utilization of an improved isolated core. Like the insulation and conductor, the wire may include an outer jacket 50 that includes channels 52, as seen in FIG. 6. In this particular aspect of the invention, the channeled jacket 50 surrounds a core element 54 to form an isolated core 56. The core element is at least one insulated conductor; typically, the core element includes a plurality of twisted-pairs. Additionally, the core element may include any combination of conductors, insulation, shielding and separators as previously discussed. For example, FIG. 6 shows an isolated core 56 with four twisted pairs 58, 60, 62 and 64 twisted around each other and ~~separated by a separator 90 and~~ surrounded by a channeled jacket.